

Fulwood

# REPORT

OF THE

## MEDICAL OFFICER OF HEALTH

FOR THE

### URBAN SANITARY DISTRICT OF FULWOOD,

For the year ending December 31st, 1911.

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*To the Chairman and Members of Fulwood Urban District Council.*

GENTLEMEN,

In presenting my Annual Report you will find it practically a summary of the Quarterly Reports you will be familiar with. Since my last report I am able to compare the figures given in the Census Returns; 1901 (2,870), with the last census taken, 1911 (4,404), these being the figures for the district proper, so that in ten years the population has increased a little more than  $1\frac{1}{2}$  times. Of course, this means that not only has the rateable value gone up, but also that increased expenditure is needed to provide the necessities that an ever-increasing population demands.

Fulwood, being well situated as regards fresh air and light, only requires to be ensured of a good supply of pure water—which so far the district has been supplied—to constitute it one of the healthiest districts in the country, more or less proved so from the last 10 years' death rate.

Averages 10·7 per 1,000 of the population, and, now that the population has increased, also increased risks to life occurs, and from a sanatarian's point of view the removals, mode of living, requirements, and general sanitation are all being well provided for in the district.

The birth-rate for the last ten years has not shown much change in the district, being 18·7 per 1,000 of the population, the general increase in the district no doubt being due to further development in the building of new houses, with occupation of some not completed, as in 1901 there were 610 houses and at the present time (1911) 1,340, a little more than double.

The infantile mortality that gives so much cause of anxiety throughout the country I am pleased to report in this district is very low, being 32·2 per 1,000 births under one year of age.

The new notifiable disease is Ophthalmia Neonatorum. Only one case has been notified, and that from the Workhouse.

**Notification of Births Act, 1907.**—This is an adoptive Act, which, in an Urban District like Fulwood, is not, I venture to think, required.

Improvements in the Streets and Footpaths are still progressing, and a few old gullies and and traps require replacing with modern ones.

The Lighting of the District has been well carried out, and the important work of Scavenging has also been effectively discharged.

The Food Supply of the District is kept under the observation of the Medical Officer of Health and Inspector. I am pleased to say no bad fish or meat has been seen in the District.

**Slaughter-house.**—There is only one in the District, and the Inspector and myself make occasional visits; there being no Inspector with a special certificate in meat inspection. No carcasses have been seized, nor has any bad meat been observed. The place is kept in thorough cleanliness.

**Milk Supply** (Dairies, Cowsheds and Milkshops).—They are visited by the Inspector and myself at various times throughout the year. Every year appears to bring increased care and particularness on the part of the dairymen. The chief fault is the insufficient air space in a few of the shippens, and even when there is plenty of air space the ventilators are generally closed. The shippens most in fault in this respect have been much improved during the year. About 80 samples of Milk have been analysed, and all found good.

In connection with the various Infectious Diseases likely to be conveyed by the milk, careful enquiry has led to no connection being made.

The zymotic death-rate in the district for the seven principal zymotic diseases is '6.

**Tuberculosis.**—Under this Act, which became operative in January, 1912, every case in the district must be reported to the Medical Officer of Health and treated similar to other infectious diseases notified, but I think and hope not many cases will be recorded in this district during the year. No case ascertained during the last 12 months, but under the 1908 Tuberculosis Regulations three cases reported from the Workhouse.

**Influenza.**—Only one case occurred and proved fatal, in an elderly person.

**Diphtheria.**—The number in this, 10, is greater than any previous year in my memory, for it is not usual to have more than an isolated case here and there, but the reason, in my opinion, is that some of the cases were probably scarlet fever. Only one case proved fatal and this probably due to too late treatment.

**Scarlet Fever.**—35 cases throughout the district, 19 of which belong to the district proper and were scattered. 15 cases occurred in the Poor Law Schools, the infection having been brought by children from town during a field-day, held in an adjoining field, and by some of the children being allowed to join in. Many of the other cases have been traced to direct contact with a previous case, either at home or at school. At the Poor Law School a good hospital is provided and the children did well. Two deaths occurred in one family from this fever; they were treated at home.

**Enteric Fever.**—Two cases in district proper and one proved fatal, proved to be infected from the first. The infection was probably brought in the district by the person affected, being a new inhabitant. The other case in the Workhouse.

The number of Infectious Diseases notified or ascertained throughout the whole district during the year was 57, viz :—

Scarlet Fever	...	...	35
Diphtheria	...	...	10
Erysipelas...	...	...	3
Enteric Fever	...	...	5
Tuberculosis	...	..	3
Ophthalmia Neonatorum...			1

These were distributed as follows :—

Scarlet Fever	...	...	District proper	...	19
			Poor Law School	...	15
			Harris Orphanage	...	1
Diphtheria	...	...	District proper	...	10
Erysipelas	...	...	District proper	...	1
			Workhouse	...	2
Enteric Fever	...	...	District proper	...	2
			Workhouse	...	3
Tuberculosis	...	...	District proper	...	nil
			Workhouse	...	3
Ophthalmia Neonatorum	...		Workhouse	...	1

All the necessary Disinfecting and Stoving has been duly carried out, and every precaution taken to prevent these Zymotic Diseases spreading.

The Zymotic Diseases that are generally scattered about a district and appear to be, more or less, always with us, are being very well kept in check, and such as do appear are of a very mild type, so much so that they are occasionally notified as such diseases in order to err on the right side. The Zymotic death rate for the seven principal fevers is '6.

The Inspection of the Schools in the District, under the Administration Act which came in force in January, 1908, which provides for the medical inspection of children attending school, is now in operation.

I have inspected the Schools on several occasions, and found them kept in good and clean condition.

The Public Institutions have been visited, and, I am glad to record, are kept in excellent condition.

Estimated population :—	4404	...	District proper
	748	...	Workhouse
	792	...	Barracks
	168	...	Little Sisters' Home
	132	...	Harris Orphanage
	54	...	Blind Home
	334	...	Poor Law School
	<u>6632</u>		

**Deaths.**—In the District there were 46 deaths, which gives the low death rate of 10·4. The chief causes of death in the District proper were :—

Bronchitis ... ..	3
Pneumonia ... ..	6
Heart Disease ... ..	10
Influenza ... ..	1
Cancer ... ..	4
Cerebral ... ..	5
Suicide ... ..	1
Senility ... ..	2
Premature Birth ... ..	2
Phythisis ... ..	2
Scarlet Fever ... ..	2
Caries of Bone ... ..	1
Tonsilitis ... ..	1
Gastric Ulcer ... ..	1
Empyœmia .. ...	1
Enteric Fever ... ..	1
Accident ... ..	1
Found Dead... ..	1
Abscess... ..	1
	<hr/> 46 <hr/>

**Births.**—In the District proper there were 62, viz.: 28 males and 34 females, giving a birth rate of 14.

**Factory and Workshop Act, 1901.**—So far I find that the following come under this Act :—Two Laundries, one Brick Croft, one Brick and Tile Works, one Basket Works (at the Blind Home), two Joiners and Contractors, four Bakehouses, and one Beer Bottling Works. These have all been inspected, and there are no complaints to report.

**Inspection of District** under Article V. of the Housing (Inspection of District) Regulations, 1910. This being a better-class residential district of detached and semi-detached villas, the duties of your Medical Officer under these regulations are light. There are practically no houses for the working classes, and no necessity for them; the few that are inhabited by such classes are more than sufficient, and in an excellent condition. The district has nevertheless been inspected and some 60 houses visited. There have been no cases of overcrowding and consequently no necessity for the Council to take action. There are no houses in a state dangerous or injurious to health and consequently no representations have been made to you.

The only undesirable feature that my inspection has revealed is the fact that in 41 cases the open bog is the form of closet accommodation, but I am glad to state that 10 of these bogs have been converted during the year.

**Nuisances** have been practically absent, it was only necessary to serve two notices during the year.

**Drainage** of the District is good.

**Sewage Disposal.**—Water carriage system, and after treatment in septic tanks and land filtration, effluent good.

The following Tables show the number of Births and Deaths in the District during the period under consideration :—

#### **BIRTHS.**

Locality.				Males.	Females.	Total.
FULWOOD	...	...	...	28	34	62
WORKHOUSE...	...	...	...	18	27	45
BARRACKS	...	...	...	5	3	8
				<u>51</u>	<u>64</u>	<u>115</u>

#### **ILLEGITIMATE BIRTHS.**

Locality.				Males.	Females.	Total.
FULWOOD	...	...	...	0	1	1
WORKHOUSE...	...	...	...	11	17	28
BARRACKS	...	...	...	0	0	0
				<u>11</u>	<u>18</u>	<u>29</u>

#### **DEATHS.**

Locality.				Males.	Females.	Total.
FULWOOD	...	...	...	23	23	46
WORKHOUSE...	...	...	...	111	81	192
BARRACKS	...	...	...	1	3	4
CONVENT, LITTLE SISTERS...				8	19	27
ISOLATION HOSPITAL	...			1	3	4
				<u>144</u>	<u>129</u>	<u>273</u>

I am, Gentlemen,

Yours obediently,

JOHN GARTH,

Medical Officer of Health.

# Table I.

## FULWOOD URBAN DISTRICT.

### Vital Statistics of Whole District during 1911 and previous Years.

YEAR.	Population estimated to middle of each Year.	NETT BIRTHS.		TOTAL DEATHS REGISTERED IN THE DISTRICT.		TRANSFERABLE DEATHS.		NETT DEATHS BELONGING TO THE DISTRICT.			
		NETT BIRTHS.		TOTAL DEATHS REGISTERED IN THE DISTRICT.		TRANSFERABLE DEATHS.		Under 1 Year of Age.		At all Ages.	
								Number.	Rate per 1,000 Nett Births.	Number.	Rate.
1906	3807	69	18.1	36	9.4	...	...	2	34.5	36	9.4
1907	4018	71	17.6	27	6.7	...	...	4	56.3	27	6.7
1908	4103	85	20.5	47	11.4	...	...	6	58.8	47	11.4
1909	4302	56	13	45	10.4	...	...	4	71.4	45	10.4
1910	4500	59	13.1	32	7.1	...	...	2	33.8	32	7.1
1911	4404	62	14	47	10.4	1	4	2	32.2	46	10.4

Area of District in Acres (exclusive of area covered by water) .. ... 2,104

Total Population at all ages at Census of 1911 ... ... 4,404

Number of Inhabited Houses at Census of 1911 ... ... 1,340

Average number of Persons per House at Census of 1911 ... .. 3.28

**Table II.**

## FULWOOD URBAN DISTRICT.

Cases of Infectious Disease notified during the year 1911.

NOTIFIABLE DISEASES.	NO. OF CASES NOTIFIED.								Total Cases notified in each Locality.				Total Cases Removd to Hospital
	At all Ages.	At Ages—Years.							Fulwood	Workhouse	Poor Law School.	Harris Orphanage.	
		Under 1	1 to 5	5 to 15	15 to 25	25 to 45	45 to 65	65 and upwards					
Small-pox .....	..	...	...	...	...	...	...	...	...	...	...	...	...
Cholera .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria .....	10	1	4	3	1	1	...	...	10	...	...	...	5
Including Membranous Croup													
Erysipelas .....	3	...	...	...	...	1	2	..	1	2	...	...	...
Scarlet Fever ...	35	...	5	26	4	...	...	...	19	...	15	1	20
Typhus Fever...	..	...	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever...	5	...	...	...	1	3	...	1	2	3	...	...	...
Relapsing Fever	...	...	...	...	...	...	...	...	...	...	...	...	...
Continued Fever	...	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Fever	...	...	...	...	...	...	...	...	...	...	...	...	...
Plague.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Phthisis (under Tuberculosis Regulations 1908)	3	...	...	...	...	...	3	...	...	3	...	...	...
Ophthalmia Neonatorum	1	1	...	...	...	...	...	...	...	1	...	...	...
Totals .....	57	2	9	29	6	5	5	1	32	9	15	1	25

ISOLATION HOSPITAL: Fulwood Joint, Fulwood.

Total Available Beds, 20.

Number of Diseases that can be concurrently treated, 3.

**Table III.**

## FULWOOD URBAN DISTRICT.

**Causes of, and Ages at Death during the year 1911.**

CAUSES OF DEATH.	NETT DEATHS AT THE SUBJOINED AGES OF "RESIDENTS" WHETHER OCCURRING WITHIN OR WITHOUT THE DISTRICT.							Total Deaths whether of "Resident-" or "Non- Residents" in Institutions in the District
	All Ages	Under 1 year	5 and under 15	15 and under 25	25 and under 45	45 and under 65	65 and up- wards	
All Causes (Certified .....	46	2	3	6	7	9	19	227
Uncertified .....	...	...	...	...	...	...	...	...
Enteric Fever.....	1	...	...	1	...	...	...	2
Small-pox .....	...	...	...	...	...	...	...	...
Measles .....	...	...	...	...	...	...	...	...
Scarlet Fever .....	2	...	2	...	...	...	...	...
Whooping Cough .....	...	...	...	...	...	...	...	...
Diphtheria and Croup .....	...	...	...	...	...	...	...	2
Influenza.....	1	...	...	...	...	1	...	...
Erysipelas .....	...	...	...	...	...	...	...	...
Cerebro-Spinal Fever .....	...	...	...	...	...	...	...	...
Phthisis (Pulmonary Tuberculosis)...	2	...	...	2	...	...	...	35
Tuberculous Meningitis.....	...	...	...	...	...	...	...	...
Other Tuberculous Diseases.....	...	...	...	...	...	...	...	...
Rheumatic Fever .....	...	...	...	...	...	...	...	...
Cancer, malignant disease.....	4	...	...	...	...	1	3	15
Bronchitis .....	3	...	...	1	1	...	1	20
Broncho-Pneumonia .....	...	...	...	...	...	...	...	...
Pneumonia (all other forms).....	6	...	...	...	1	3	2	13
Other Diseases of Respiratory Organs	1	...	...	1	...	...	...	...
Diarrhoea and Enteritis.....	...	...	...	...	...	...	...	...
Appendicitis and Typhlitis .....	...	...	...	...	...	...	...	...
Alcoholism .....	...	...	...	...	...	...	...	...
Cirrhosis of Liver .....	...	...	...	...	...	...	...	...
Nephritis and Bright's Disease .....	...	...	...	...	...	...	...	3
Puerperal Fever.....	...	...	...	...	...	...	...	...
Other Accidents and Diseases of Pregnancy and Parturition .....	...	...	...	...	...	...	...	...
Congenital Debility and Malforma- tion, including Premature Birth	2	2	...	...	...	...	...	...
Violent Deaths, excluding Suicide .....	...	...	...	...	...	...	...	...
Suicides .....	1	...	...	...	...	1	...	1
Other Defined Diseases .....	10	...	...	...	2	...	8	29
Diseases Ill-defined or Unknown.....	13	...	1	1	3	3	5	107
	46	2	3	6	7	9	19	227

**Table IV.**

## FULWOOD URBAN DISTRICT.

**Infant Mortality. 1911. Nett Deaths from stated causes, at various ages under 1 Year.**

CAUSE OF DEATH.		Under 1 week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 month.	1-3 Months.	3-6 Months.	6-9 Months.	9-12 Months.	Total Deaths under 1 year.
All Causes	Certified .....	...	...	1	...	1	...	1	...	...	2
	Uncertified .....	...	...	...	...	...	...	...	...	...	..
( Small-pox.....		...	...	...	...	...	...	...	...	...	...
Chicken-pox.....		...	...	...	...	...	...	...	...	...	...
Measles.....		...	...	...	...	...	...	...	...	...	...
Scarlet Fever .....		...	...	...	...	...	...	...	...	...	...
Diphtheria and Croup.....		...	...	...	...	...	...	...	...	...	...
Whooping-cough.....		...	...	...	...	...	...	...	...	...	...
( Diarrhoea .....		...	...	...	...	...	...	...	...	...	...
Enteritis .....		...	...	...	...	...	...	...	...	...	...
( Tuberculous Meningitis .....		...	...	...	...	...	...	...	...	...	...
Abdominal Tuberculosis.....		...	...	...	...	...	...	...	...	...	...
( Other Tuberculous Diseases ...		...	...	...	...	...	...	...	...	...	...
( Congenital Malformations .....		...	...	...	...	...	...	...	...	...	...
Premature Birth .....		...	...	1	...	1	...	1	...	...	2
( Atrophy, Debility & Marasmus .....		...	...	...	...	...	...	...	...	...	...
Atelectasis.....		...	...	...	...	...	...	...	...	...	...
Injury at Birth.....		...	...	...	...	...	...	...	...	...	...
Erysipelas.....		...	...	...	...	...	...	...	...	...	...
Syphilis .....		...	...	...	...	...	...	...	...	...	...
Rickets .....		...	...	...	...	...	...	...	...	...	...
Meningitis (not Tuberculous)...		...	...	...	...	...	...	...	...	...	...
Convulsions .....		...	...	...	...	...	...	...	...	...	...
Gastritis .....		...	...	...	...	...	...	...	...	...	...
Laryngitis.....		...	...	...	...	...	...	...	...	...	...
Bronchitis.....		...	...	...	...	...	...	...	...	...	...
Pneumonia (all forms).....		...	...	...	...	...	...	...	...	...	...
Suffocation, overlying .....		...	...	...	...	...	...	...	...	...	...
Other causes.....		...	...	...	...	...	...	...	...	...	...
		...	...	1	...	1	...	1	...	...	2

Nett Births in the Year—Legitimate, 62; Illegitimate, 1.

Nett Deaths in the Year of—Legitimate Infants, 2; Illegitimate Infants, 0.

## FULWOOD URBAN DISTRICT COUNCIL.

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## Surveyor and Inspector of Nuisances Report for 1911.

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GENTLEMEN,

I beg to report that, during the past year, Plans for 31 Houses and 28 other Buildings have been approved by the Plans Committee.

The following is a statement of the number of Houses, etc., passed during the last ten years:—

Year	1911	...	31 Houses, 28 other Buildings
	1910	...	46    „    28    „
	1909	...	32    „    11    „
	1908	...	52    „
	1907	...	44    „
	1906	...	40    „
	1905	...	76    „
	1904	...	70    „
	1903	...	26    „
	1902	...	36    „

There is a considerable decrease from the previous year owing principally to the Building Trades not being very good, but it will be seen that the number of Houses are similar to 1909.

During the year, 42 Houses have been supplied with Water from the Council's Mains, an increase of two on last year and are situated in the following districts:—

						Houses.
Fulwood ...	...	...	...	...	...	35
Broughton	...	...	...	...	...	2
Whittingham	...	...	...	...	...	4
Grimsargh	...	...	...	...	...	1
Total...	...	...	...	...	...	42

There have been 301 Ashpits emptied during the past year as against 304 during 1910.

During the year 16 Ashpits have been dispensed with and Sanitary Tins substituted.

There are now 685 Ash Tins emptied every week, an increase of 50 since last year.

No complaints have been received as regards the Sanitary Services at the Barracks, the Sewering, etc., being almost completed.

A notice was served on Mr. James Whittle, 3 Grosvenor Street, Preston, on the 10th day of January, 1911, to abate a number of nuisances at "Uncle Tom's Cabin" or "Tate House," Watling Street Road, which notice was complied with and the nuisances abated.

A complaint was received respecting an accumulation of manure, in the yard of the "Withy Trees" Hotel, Lytham Road. I served the occupier with notice to remove the same on the 20th July, 1911, under Section 49 of the Public Health Act, 1875, which notice was immediately complied with.

I have several times visited the Slaughter House in Sharoe Green Lane, and have always found the places clean and in a very satisfactory condition.

There are now only 41 Bogs in the District, 10 having been converted into W.C.'s during the year.

The National Electric Supply Co. have opened the ground on 18 occasions for the purpose of laying mains, repairs, etc.

The Preston Gas Co. have opened the ground on 32 occasions for the same purpose.

I am, Gentlemen,

Your obedient servant,

ALFRED E. COUPE.